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America in space : NASA's first fifty years

*Edited by Steven J. Dick ... [et al.];
foreword by Neil
Armstrong*
New York, NY :
Abrams, 2007.

REF 629.40 AME

Over fifty years, NASA has compiled one of the most extraordinary archives of significant photography in history. It has faithfully documented every step of its remarkable mission. Written and edited by a team of experienced staffers, and illustrated with many rare photographs, *America in Space*

offers an unparalleled vision of half a century of endeavor and discovery.



American Scientists

Charles W. Carey, Jr.
New York, NY : Facts
on File, 2006.

REF 509.2 CAR

"*American Scientists*" offers a glimpse into the professional careers and accomplishments of almost 300 extraordinary men and women in the history of science. Contains a general bibliography, two subject indexes that list the scientists

profiled by discipline and year of birth, a comprehensive index, and 74 photographs depicting these remarkable individuals.

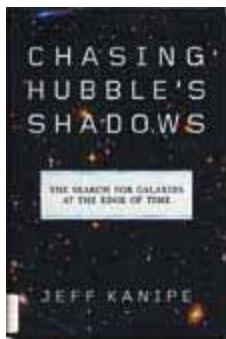
Apollo 11, Men On The Moon [videorecording]



Produced by Mark Gray
Beverly Hills, CA : 20th
Century Fox Home
Entertainment, 2003.

DVD 629.45 APO

This 3-disc set chronicles America's "one giant leap for mankind" from launch to landing with comprehensive footage from the film and videotape records of Apollo 11.



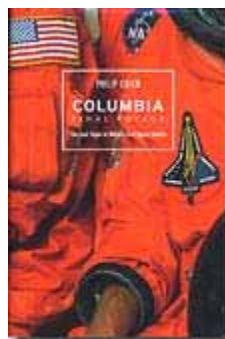
Chasing Hubble's Shadows : the Search for Galaxies at the Edge of Time

Jeff Kanipe
New York, NY : Hill
and Wang, 2006.

523.112 KAN

This is an account of the continuing efforts of astronomers to probe the outermost limits of the observable universe. The book derives its title from something the great American astronomer Edwin Hubble once wrote: "Eventually, we reach the dim boundary-the utmost limits of our telescopes. There, we measure shadows, and we search among ghostly errors of measurement for landmarks that are scarcely more substantial".

Columbia, final voyage : the last flight of NASA's first space shuttle



Philip Chien
New York, NY :
Copernicus Books,
2006.

629.4 CHI

Describes not just the days and hours leading up to the launch, but the years of training by the crew, how seven people from different backgrounds came together as a team, the seeming endless delays that plagued the mission, the technological and safety challenges facing NASA, and the ingenuity of scientists who designed Columbia's experiments.

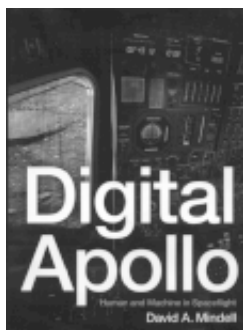
Defining NASA : the historical debate over the agency's mission



W.D. Kay
Albany, NY : State
University of New York
Press, 2005.

354.79 KAY

This book looks at the turbulent history of the space agency and the political controversies behind its funding. The author examines the agency's activities and behavior by taking into account not only the political climate, but also the changes in how public officials conceptualize space policy.



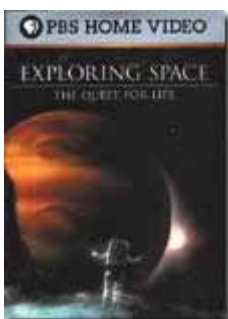
**Digital Apollo :
human and
machine in
spaceflight**

David A. Mindell
Cambridge, MA : The
MIT Press, 2008.

629.474 MIN

Examines the design and execution of each of the six Apollo moon landings, drawing on transcripts and data telemetry from the flights, astronaut interviews, and NASA's extensive archives.

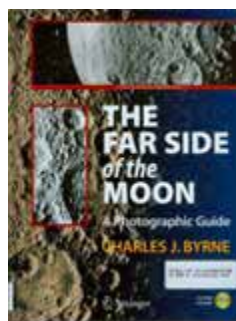
**Exploring Space [videorecording]:
the Quest for Life**



*Produced by KCTS
Television and NHK
Japan*
Alexandria, VA : PBS
Home Video, 2006.

DVD 576.839 EXP

Features interviews with scientists who share their opinions about the possibility of life beyond Earth and examines the latest developments in astrobiology. From a city-sized meteor to the surface of Mars, spectacular computer-animated imagery creates a viewing experience that brings audiences as close to space as possible without leaving home.



**The far side of
the moon : a
photographic
guide**

Charles J. Byrne
New York, NY :
Springer, 2008.

523.3 BYR

The main purpose of this book is to provide comprehensive images of the far side of the Moon produced by the Lunar Orbiter, Clementine, and Apollo missions. Notes describe interesting aspects of each image, explaining the geologic nature and relative ages of the features, with special attention to the nature of their interactions. The compact disc enclosed includes all the photographs in JPEG format. They can be viewed in monitors, printed, or used for illustrations in talks and articles.



**A history of the
Kennedy Space
Center**

*Kenneth Lipartito and
Orville R. Butler*
Gainesville, FL :
University Press of
Florida, 2007.

387.8 LIP

Comprehensive history of the Kennedy Space Center, NASA's famous launch facility at Cape Canaveral, Florida. Covers the Mercury and Gemini missions, the Apollo lunar program, the Space Shuttle, scientific missions and robotic spacecraft, and the International Space Station, as well as the tragic accidents of Challenger and Columbia.

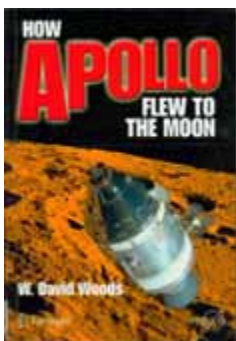


Homesteading space : the Skylab story

David Hitt, Owen Garriott, and Joe Kerwin
Lincoln, NE : University of Nebraska Press, 2008.

629.454 HIT

Riveting, insightful account of the Skylab missions flown by the United States in 1973 and 1974. This book is replete with the personal recollections and experiences of the Skylab crew and those who worked with them in training, during the mission, and in bringing them safely home. Absorbing, sometimes humorous, often inspiring, this is an account of the determined, hardworking individuals who shepherded the program through a near disastrous launch, a heroic rescue, and an exhausting study of Comet Kohoutek, as well as the lab's ultimate descent into the Indian Ocean.



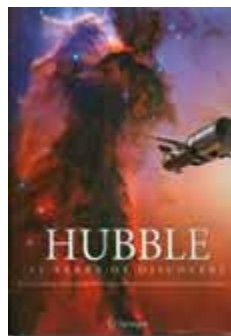
How Apollo flew to the Moon

W. David Woods
New York, NY : Springer Verlag, 2008.

629.454 WOO

Tells the exciting story of how the resulting Apollo flights were conducted by following a virtual flight to the Moon and back. From launch to splashdown, the author hitches a ride in the incredible spaceships that took men to another world, exploring each step of the journey and detailing the enormous range of disciplines, techniques and procedures the Apollo crew had to master.

Hubble : 15 years of discovery



Lars Lindberg Christensen & Bob Fosbury
New York, NY : Springer, 2006.

522.29 CHR

This book forms part of the European Space Agency's 15th anniversary celebration activities for the 1990 launch of the NASA/ESA Hubble Space Telescope. As an observatory in space, Hubble is one of the most successful scientific projects of all time, both in terms of scientific output and its immediate public appeal.

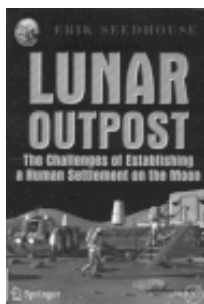


Kennedy Space Center : gateway to space

David West Reynolds
Buffalo, NY : Firefly Books (U.S.), 2006.

REF 629.478 REY

Contains over 150 illustrated photographs that describe the history of the Kennedy Space Center and its space program, with information on the earliest development of rockets in the United States and Germany, the missile race and U.S.-Soviet rivalry, and the Shuttle programs.



Lunar outpost : the challenges of establishing a human settlements on the moon

Erik Seedhouse
Berlin ; New York, NY : Praxis Pub, 2009.

629.47 SEE

Provides a unique insight into what will need to be done to achieve this amazing feat. The book addresses the logistics of returning to the Moon in a specific timeframe, provides a unique insight into the training processes to be used, explains the complexities of spacecraft, launch vehicle and life support design, and highlights the means by which a lunar outpost will be constructed.



National Geographic encyclopedia of space

By Linda K. Glover

Washington, DC : National Geographic, 2005.

REF 629.4 NAT

The National Geographic Encyclopedia of Space offers clear and concise explanations of the planets; telescopes; manned space flight; satellites; the origin of the universe; the contributions of Nicolaus Copernicus, Edwin Hubble, and Stephen Hawking; and much more. The Encyclopedia of Space answers such questions as How vast is the Milky Way? What makes a satellite stay up? How does deep space affect our daily climate? Arranged in six thematic chapters, the Encyclopedia of Space brings together in one accessible volume the varied aspects of space science: the solar system, deep space exploration (manned and unmanned) and discovery, satellites and orbits, and the

commercial, scientific, and military uses of space.

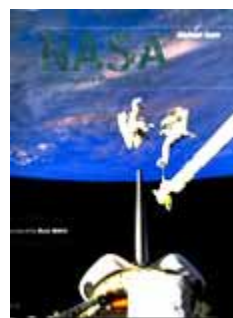


NASA [videorecording] : A Celebration of 50 Years of Inspiration, Innovation, and Discovery

Madacy Home Video
St. Laurent, Quebec : Distributed by Madacy Entertainment Group, 2003.

DVD 629.45 NAS

This three DVD set spotlights NASA's expeditions and innovations of the past five decades through a comprehensive video presentation and an engaging, interactive online feature. As a bonus, you can experience NASA's 50th Anniversary Gala from a front-row seat.

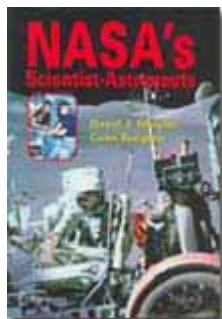


NASA : the Complete Illustrated History

Michael Gorn
New York, NY : Merrell, 2005.

REF 629.109 GOR

Tells the exciting history of space exploration from the early twentieth century to the present focusing on the personalities involved as much as the technological advances that have made space exploration possible.

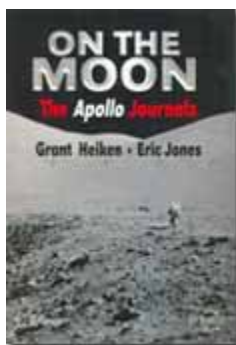


NASA'S scientist-astronauts

David J. Shayler and Colin Burgess
Chichester, UK : Springer : Published in association with Praxis Pub, 2007.

629.45 SHA

Relates how a small number of dedicated scientists helped NASA shape personal scientific research in space. Easily readable and well illustrated, it is an invaluable source of reference for all space-flight enthusiasts.



On the moon : the Apollo journals

Grant Heiken and Eric Jones
Berlin : Springer, 2007.

629.45 HEI

Captures the excitement, spirit, and frustration of the Apollo crews as they explored this new frontier, carried out unique scientific experiments and became the first lunar field geologists. Includes post-mission and recent interviews in which the astronauts recall their thoughts not only during their missions but also after more than 25 years of reflection.



The race to the moon

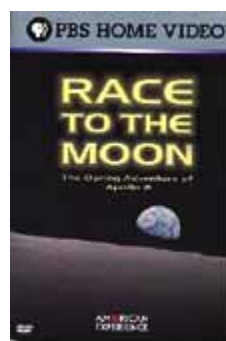
Bethesda, MD ; New York : History Channel : Distributed in the U.S. by New Video, 2004.

DVD 629.4 RAC

A compilation of History Channel productions on the U.S. space program. Failure is not an option revisits the early days of NASA. Code name:

Orion details NASA's attempt to introduce rockets propelled by atomic explosions. Modern marvels. Apollo 13 gives an account of the harrowing experience of three astronauts stranded in space after an oxygen tank on their vessel explodes. Modern marvels. The space shuttle presents the story of the shuttle from conception to reality.

Race to the moon [videorecording] : the daring adventure of Apollo 8



Written, directed and produced by Kevin Michael Kertscher
San Francisco, CA : PBS Home Video, 2005.

DVD 629.4 RAC

Take an up-close look at the most dangerous mission in the history of exploration. Recount the triumphant first manned space flight. Interviews with Apollo 8 astronauts, mission control staff, and journalists.



Robot pals [videorecording]

Chedd-Angier ; written, produced and directed by Graham Chedd
Alexandria, VA : PBS Home Video, 2005.

DVD 629.892 ROB

Viewers meet three robots, including a future member of an astronaut team.

Rocket science: rocket science in the second millennium



By Alfred J. Zaehring and Steve Whitfield
Burlington, Ont : Apogee Books, 2004.

REF 621.43 ZAE

In this book Alfred Zaehring uses his lifetime of experience to take the mystery out of the phrase he coined. Beginning with a short history of the birth of rockery he moves into an explanation of the physics that makes it possible to use rockets to fly in space. Leaving no stone unturned he moves on to the politics and economics of space-flight before providing a detailed cross-section of man's different uses of the reaction rocket to fly into the heavens. Finally he looks at the proposals for future methods of space transportation and looks at the many promising new technologies which may offer cheaper access to space.



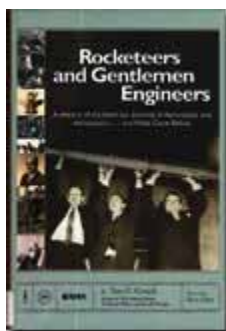
Smithsonian intimate guide to the cosmos : visualizing the new realities of space

By Dana Berry
Washington, DC

A Smithsonian/Madison Press Book in association with the National Air and Space Museum, 2004.

520 BER

What does dark energy look like? or the awesome phenomenon of cosmic cannibalism, when immense black holes swallow entire solar systems? NASA illustrator Dana Berry makes these and many other unseen wonders of the cosmos visible as never before, revealing a Universe that we can't see even with our most powerful orbiting telescopes-and what scientists can only imagine.



Rocketeers and Gentlemen Engineers : a History of the American Institute of Aeronautics and Astronautics

Tom D. Crouch

Reston, VA : American Institute of Aeronautics and Astronautics, 2006.

629.109 CRO

Commissioned on the occasion of its 75th anniversary, here is the fascinating historical account of the American Institute of Aeronautics and Astronautics and its predecessor organizations, as well as the contributions each has made to the evolution of flight.



Space Exploration (Britannica Illustrated Science Library)

Chicago, IL : Britannica, 2008.

REF 503 BRI V.2

Intends to show the history of manned and unmanned voyages and the discoveries that were made. All this is accompanied by photographs and top quality illustrations, providing a better picture of the successes by which we have made giant steps in our understanding of the composition of the other planets, their origin, and their evolution.



**Superstructures
in space : from
satellites to
space stations : a
guide to what's
out there**

Michael H. Gorn
London ; New York, NY : Merrell, 2008.

REF 629.46 GOR

First book to present pictorially the world's most significant and fascinating spacecraft. Lavishly illustrated throughout with hundreds of breathtaking photographs and drawings, this remarkable volume reveals in depth the full and exciting story behind each selected craft: its origins and development, its designers and manufacturers, and its launch and objectives.

**Who owns the sky?: the struggle
to control airspace from the
Wright brothers on**



Stuart Banner
Cambridge, MA : Harvard
University Press, 2008.

343.7309 BAN

First book to tell the forgotten story of the sky elusive property. This is a collection of curious tales questioning the ownership of airspace and a reconstruction of a truly novel movement in the history of American law, Banner's book reminds us of the powerful and reciprocal relationship between technological innovation and the law, in the past as well as in the present.



**Transbordadores
espaciales
[Videorecording]**

*Producción: Stuart Carter,
Nigel Henbest ; Dirección,
Rod Parker*
México : Discovery

Communications : Alterfilms, 1997.

S DVD 629.441 TRA

Conozca la evolución y las mejoras que han tenido estos asombrosos medios de transporte. Lo llevaremos a través del tiempo desde su invención, hasta el papel clave que han jugado en la construcción de la Estación Espacial Internacional. Una plataforma en órbita que servirá para llevar a cabo investigaciones científicas, desarrollos tecnológicos y que fungirá como puerto para misiones espaciales hacia los planetas dentro y fuera de nuestro sistema solar.